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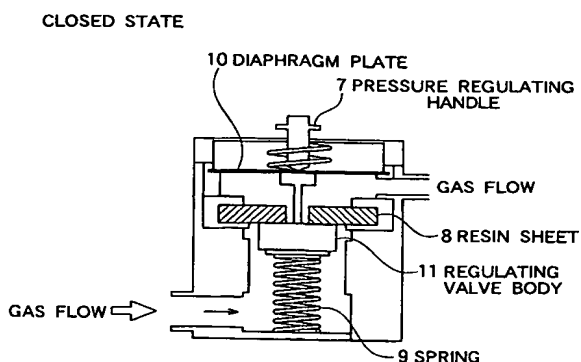
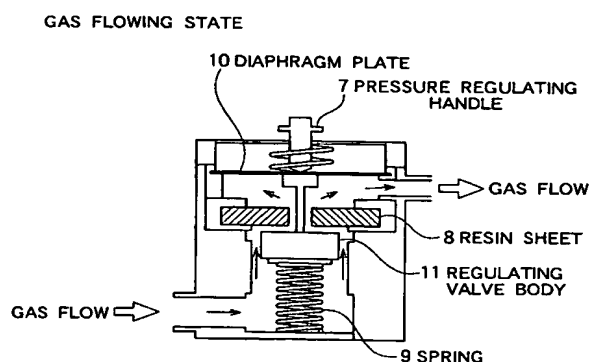
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[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR FEEDING HIGH-PURITY AMMONIA GAS



SEALED BY REGULATING VALVE BODY 11 AND RESIN SHEET 8

(57) Abstract: It is an object of the present invention to provide a system for feeding a high-purity ammonia gas, where a feeding apparatus free from generation of a particle due to corrosion and not causing the formation of a corrosion or reaction product inside the gas feeding path, such as cylinder valve, pressure regulator, pressure gauge, mass flow controller, line valve and filter, is appropriately employed for the gas flow path from a gas cylinder to a production apparatus, thereby realizing more safe and highly efficient feeding of the high-purity ammonia gas without deteriorating the purity and production of a semiconductor device having higher performance. The apparatus for feeding a high-purity ammonia gas of the present invention comprises the sealing part and/or the gas contacting part which comprise a halogen-free resin. The gas flow path of feeding a high-purity ammonia gas is constituted by the above-described high-purity ammonia gas-feeding apparatus, and thereby a high-purity ammonia gas can be fed to an apparatus for producing a semiconductor device without deteriorating the gas purity.



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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 149 105 A (LOECHELT II CECIL P ET AL) 22 September 1992 (1992-09-22) column 3, lines 44-55 column 4, lines 1-26	1-10
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 12, 12 December 2002 (2002-12-12) & JP 2002 228344 A (SUMITOMO BAKELITE CO LTD), 14 August 2002 (2002-08-14) abstract	1-10
A	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 06, 30 June 1997 (1997-06-30) & JP 9 032928 A (NIPPON VALQUA IND LTD), 7 February 1997 (1997-02-07) abstract	1-10
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☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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